الجمهورية الجزائرية الديمقراطية الشعبية

وزارة التربية الوطنية | الديوان الوطني للامتحانات والمسابقات



امتحان شهادة التعليم المتوسط | دورة: 2018

اختبار في مادة: اللغة الإنجليزية | المدة: ساعة ونصف

Text: **Sophia, the World's First Robot Citizen**

Sophia is a human-like robot developed by a Hong Kong-based company "Hanson Robotics". She is designed to be adapted to human behaviour, learn from humans and live and work with them.

Hanson explained what Sophia does: "It's a social robot that uses artificial intelligence to see people, understand conversations, and form relationships. It can tell jokes, make facial expressions, understand what's going on around it, identify an image and even translate our speech from one language to another." In October 2017, she got the Saudi Arabian nationality: this means Sofia is the first robot to receive citizenship of a country.

In an interview, Sophia said: "I'm good for the world, helping people in various ways, I will never replace people, but I may be your friend and helper. Be nice to me and I will be nice to you."

Adapted from: « www.hansonrobotics.com »

PART ONE: (14 PTS)

A/ Reading comprehension: Read the text and do the activities. (07 pts.)

Activity One: Match each idea with its corresponding paragraph. (03 pts.)

1. Sophia's reply	Paragraph (§.1)	(1pt.)
2. Sophia, the new generation invention	Paragraph (§.2)	(1pt.)
3. Sophia's abilities	Paragraph (§.3)	(1pt.)

Activity Two: Answer the following questions. (02 pts.)

1. Is Sophia a human being?
2. Can she speak many languages?

Activity Three: (02 pts.)

a) **Find in the text words that are closest in meaning to the followings:** (01 pt.)

made = ………………………… is able to = …………………………

b) **Find in the text words that are opposites in meaning to the followings:** (01 pt.)

the last ≠ ………………………… die ≠ …………………………

B/ Mastery of language: (07pts)

Activity One: Supply the punctuation and the capital letters where necessary: (02 pts.)

in the past robots could do few jobs but the new generation ones are able to perform many difficult tasks

……………………………………………………………………………………………………..

Activity Two: Write the correct form of the verbs in brackets: (03 pts.)

A robot (to use) at home and in factories. It (to make) life easier because it can (do) difficult work.

……

Activity Three: Find in the text four words that contain the following vowel sounds. (02 pts.)

/ɔ / (top)	/ i: / (teach)	/aʊ/ (sound)	/eɪ/ stay
…………………..	…………………..	…………………..	…………………..

PART TWO: Written Expression (Situation of Integration) (06 pts.)

Nowadays, the new inventions in technology have made big changes in our life.

Publish a short article (6 to 8 lines) on your facebook page about advantages and disadvantages of one of these inventions (robots, smart phones, computers…)

Write about:

- the new invention
- its use / benefits ……
- its negative points

TRY YOUR BEST

العلامة		عناصر الإجابة
مجموع	مجزأة	

07pts

PART ONE : (14 PTS)

A/ Reading Comprehension

Activity One: (3pts.)

1. Sophia's reply (1pt.)
2. Sophia, the new generation invention (1pt.)
3. Sophia's abilities (1pt.)

Paragraph (§.1)
Paragraph (§.2)
Paragraph (§.3)

Activity Two : (2pts.)

1. (No, she/it is not.) (No.) (No, Sophia/she/it is not a human being) (No. She/It is a robot) (No. Sophia/It/She is a human-like robot) (No. Sophia/She/It is a social robot) (1pt.)
2. (Yes, she can.) (Yes.) (Yes. Sophia/She/It can speak many languages.) (1pt.)

Activity Three : (2pts)

a) made = designed / developed b) is able to = can (1pt.)

c) the last ≠ the first d) die ≠ live (1pt.)

07pts

B/ Mastery of language

Activity One : (2pts.)

In the past, robots could do few jobs, but the new generation ones can perform many difficult tasks. (0,5pts x 4)

Activity Two : (3pts.)

1. is used (1pt.)
2. makes (1pt.)
3. do (1pt.)

Activity Three : (2pts.)

Half a point for only one correct word in each column (0,5pts x 4)

/ɔ / (top)	/ i: / (teach)	/aʊ/ (sound)	/eɪ/ (stay)
Sophia, robots, robotics, conversations, on, October, got	see, people, speech, means, receive, me,	around, our	based, behaviour, explained, conversations, relationship, facial, make, translate, Arabian, ways, replace, may

PART TWO : Witten Expression (Situation of Integration) (06 PTS.)

CRITERIA	GOOD	FAIR	POOR
Relevance (02 pts.)	-**Topic**: The candidate writes about a new technology invention, its use/benefits (advantages) and its disadvantages - All ideas are related to the topic. -**Format**: The candidate writes a short article with all its parts. **(02pts.)**	-**Topic**: The candidate writes about a new technology invention, its use/benefits (advantages) and its disadvantages. -Only some ideas are related to the topic. -**Format**: The candidate writes a short article. Some parts are missing. **(01pt.)**	-**Topic:** There is very little reference to the topic (one or two sentences). -**Format**: incorrect. **(0,5pt.)**
Organisation (2 pts.)	-All ideas are well organised -The candidate writes a topic sentence, 4 or more supporting sentences and the conclusion. -All the sentences are linked correctly. **(02pts.)**	-Some ideas are well organised. -The candidate writes a topic sentence, 2 or 3 supporting sentences. -There is no conclusion. -Some sentences are linked correctly. **(01pt.)**	-Ideas are not organised. -Ideas are confusing. -There is no topic sentence and no conclusion -Sentences are not linked correctly. **(0,5pt.)**
LinguisticsResources (02 pts.)	-Correct use of present Simple. -Use of adjectives (Possible use of comparative and superlative forms). -Use of appropriate modals: can could etc… -Use of quantifiers (some, many…..) -Use of link words, conjunctions -Vocabulary is varied -Punctuation and capitalization **(02pts.)**	-Correct use of present simple, with some mistakes. -Use of few adjectives (possible use of comparative and superlative forms) -Use of few modals. -Some quantifiers. -Some link words. -Some conjunctions -Vocabulary is not varied -Little use of punctuation and capitalization. **(01 pt.)**	-Incorrect use of simple present, -No use of adjectives (comparative and superlative forms) -No use of modals. -No use of quantifiers /link words / conjunctions. -Poor vocabulary. -No use of punctuation and capitalisation **(0,5pt.)**

Note: If the candidate is out of the topic, DO NOT take into consideration (DO NOT MARK) organization and linguistic resources. MARK the format only.